



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

March 7, 2013

Sent Via Email – jerry.mears@buncombecounty.org

Mr. Jerry Mears
Buncombe County Landfill Manager
81 Panther Branch Road
Alexander, NC 28701

Re: *Buncombe County Landfill – Permit #11-07*
Buncombe County MSW Landfill
Solid Waste Permit Number 11-07
DIN 18649

Dear Mr. Mears:

The Solid Waste Section has completed a review of the *Buncombe County Landfill – Permit #11-07* letter dated February 19, 2013 (DIN 18602) and submitted on behalf of Buncombe County by SCS Engineers, PC for the Buncombe County MSW Landfill, Permit Number 11-07. The letter was submitted in response to the confirmation of vinyl chloride and the presence of methane gas within groundwater monitoring well MW-3.

Based upon these findings, the County proposes to initiate assessment monitoring in accordance with 15A NCAC 13B .1634. Appendix II monitoring will be conducted in April 2013 at 19 groundwater monitoring wells associated with the MSW Landfill. In addition, the County proposes to conduct a landfill gas delineation study to determine the migration of methane gas at the facility. Temporary landfill gas monitoring wells may also be constructed in areas where methane gas has migrated. After the field activities have been conducted, a summary report will be provided.

As a result, items proposed within the *Buncombe County Landfill – Permit #11-07* letter are approved as described. Please implement the landfill gas delineation study immediately, and please conduct the Appendix II monitoring as scheduled in April 2013.

If you have any questions or concerns regarding this letter, please contact me at 919-707-8294 or by email at jaclynne.drummond@ncdenr.gov. Thank you for your continued cooperation with these matters.

Sincerely,

Jaclynne Drummond
Compliance Hydrogeologist
Solid Waste Section

cc sent via email: Kristy Smith, Buncombe County Bioreactor Manager
Mark Poindexter, Field Operations Supervisor
Jason Watkins, Western District Supervisor
Andrea Keller, Environmental Senior Specialist
Allen Gaither, Permitting Engineer
Ed Hilton, SCS Engineers